

A1  
 could.

transmits the alarm signal with the current position from a transmitting and receiving unit to another vehicle. The transmitting and receiving unit receives a signal from another vehicle and supplies the signal to the control unit. The control unit calculates an intervehicular distance from current position data of the other vehicle included in the received signal and current position data of its own vehicle and outputs the alarm signal from speakers only when the intervehicular distance is within a predetermined value.--

IN THE CLAIMS

Please amend claims 1-16 by rewriting same to read as follows:

sub.  
 B1

--1. (Amended) An intervehicular alarm system for transmitting and receiving alarm information between a transmitting vehicle and a receiving vehicle,

wherein said transmitting vehicle includes:

detecting means for detecting position information of said transmitting vehicle; and

transmitting means for transmitting said position information and said alarm information; and

said receiving vehicle includes:

receiving means for receiving said position information and said alarm information transmitted from said transmitting vehicle;

output means for outputting said alarm information; and

A2  
 cont.

control means for performing control such that said alarm information is outputted from said output means when said control means determines that said transmitting vehicle is within a predetermined distance from said receiving vehicle based on said position information.

--2. (Amended) The intervehicular alarm system as claimed in claim 1,

wherein when said control means determines that said transmitting vehicle is present within said predetermined distance said control means changes a direction of output of said alarm information from said output means according to a direction of said transmitting vehicle with respect to said receiving vehicle.

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C7-3. (Amended) The intervehicular alarm system as claimed in claim 1,

wherein when said control means determines that said transmitting vehicle is present within said predetermined distance said control means changes an output level of said alarm information from said output means according to a distance between said receiving vehicle and said transmitting vehicle.

--4. (Amended) The intervehicular alarm system as claimed in claim 1,

wherein said transmitting means further transmits type

information specifying a type of said alarm information;

said receiving means receives said type information specifying said type of said alarm information; and

said control means changes said output of said alarm information from said output means according to said specified type of said alarm information.

307-5. (Amended) The intervehicular alarm system as claimed in claim 4,

wherein said type information specifying said type of said alarm information specifies at least a horn signal.

--6. (Amended) The intervehicular alarm system as claimed in claim 4,

wherein said receiving vehicle further includes changing means for changing said predetermined distance according to said information specifying said alarm information.

--7. (Amended) The intervehicular alarm system as claimed in claim 6,

wherein said changing means changes said predetermined distance according to a type of a road where said receiving vehicle is located.

--8. (Amended) The intervehicular alarm system as claimed in claim 1,

wherein said transmitting means further transmits a

vehicle speed of said transmitting vehicle;

said receiving means receives said vehicle speed from said transmitting means; and

said control means changes an output level of said alarm information according to said vehicle speed.

*Sub. B2* --9. (Amended) An alarm apparatus for use in an intervehicular alarm system, said apparatus comprising:

inputting means for inputting alarm information;

position detecting means for detecting a current position of a first vehicle of said apparatus;

transmitting means for adding said current position to said alarm information and transmitting resulting alarm information;

*Q2 cont.* receiving means for receiving a signal including position information and alarm information from a second vehicle;

calculating means for calculating a distance between said first vehicle of said apparatus and said second vehicle based on said current position and said position information; and

output control means for outputting said alarm information when said output control means determines that said distance is within a predetermined distance.

*Q2* 7-10. (Amended) The alarm apparatus as claimed in claim 9,

wherein said calculating means calculates a direction of said second vehicle with respect to said first vehicle of said

apparatus; and

said output control means changes a direction of output of said alarm information according to said calculated direction.

--11. (Amended) The alarm apparatus as claimed in claim 9,

wherein said output control means changes an output level of said alarm information according to said distance.

--12. (Amended) The alarm apparatus as claim 9,  
wherein said inputting means inputs a type of said alarm information;

as cont. said transmitting means further adds said type to said alarm information and transmits resulting alarm information;

said receiving means receives a signal including said type from said second vehicle; and

said output control means changes an output of said alarm information according to said type.

300 } --13. (Amended) The alarm apparatus as claimed in claim 12,

wherein said type of said alarm information represents a horn signal.

--14. (Amended) The alarm apparatus as claimed in claim 12,

wherein said output control means changes said predetermined distance for determining according to said type of said alarm information.

--15. (Amended) The alarm apparatus as claimed in claim 9,

wherein said output control means changes said predetermined distance for determining according to a type of a road where said first vehicle of said apparatus is located.

*ad  
cont.*  
--16. (Amended) The alarm apparatus as claimed in claim 9,

wherein said transmitting means adds a vehicle speed of said first vehicle of said apparatus to said alarm information and transmits resulting alarm information;

said receiving means receives a signal including said vehicle speed from said second vehicle; and

said output control means changes said predetermined distance for determining according to said vehicle speed.--

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#### REMARKS

Claims 1-16 remain in the application and have been amended hereby.

As will be noted from the Declaration, Applicants are citizens and residents of Japan and this application originated there.